

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012857.D
 Acq On : 03 Dec 2020 21:20
 Operator : CG/JU
 Sample : L4866-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC5

Manual Integrations
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mohammad
 12/7/2020 8:51:22 AM

Quant Time: Dec 04 00:37:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 00:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2169	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1313	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	2766m	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2278	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	811	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1753	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	128	0.020	ng/ul#	34
5) 2-Methylnaphthalene	11.86	142	83	0.020	ng/ul	86
7) Acenaphthylene	13.78	152	166	0.027	ng/ul#	44
12) Phenanthrene	16.86	178	1190	0.128	ng/ul	93
13) Anthracene	16.95	178	215	0.027	ng/ul#	55
15) Fluoranthene	18.89	202	3413	0.310	ng/ul	100
17) Pyrene	19.26	202	3906	0.363	ng/ul#	92
18) Benzo(a)anthracene	21.03	228	1554	0.165	ng/ul	97
19) Chrysene	21.08	228	2009	0.193	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	2828m	0.239	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	1138m	0.087	ng/ul	
23) Benzo(a)pyrene	23.05	252	2006	0.182	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.21	276	1535	0.106	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.21	278	345	0.030	ng/ul#	3
26) Benzo(g,h,i)perylene	25.84	276	1678	0.128	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

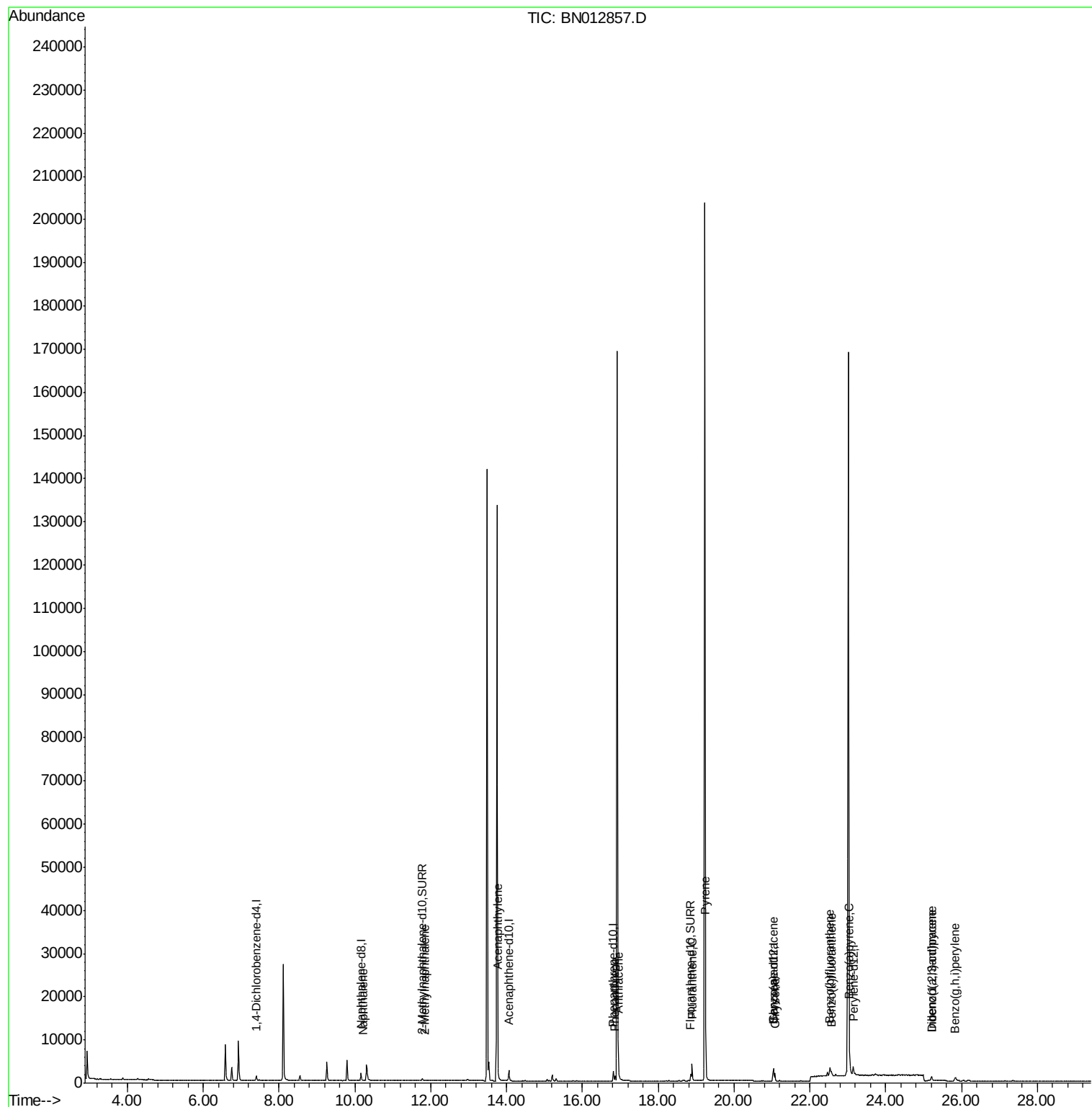
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012857.D
Acq On : 03 Dec 2020 21:20
Operator : CG/JU
Sample : L4866-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

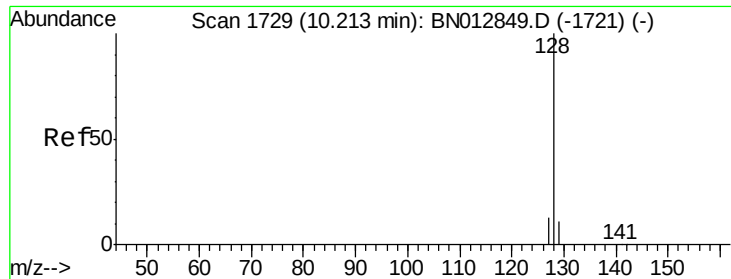
Instrument :
BNA_N
ClientSampleId :
C0BC5

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Quant Time: Dec 04 00:37:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 00:14:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

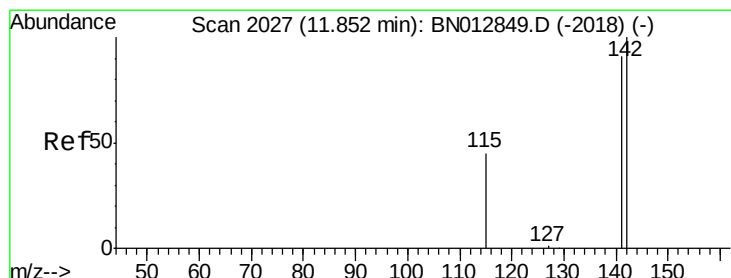
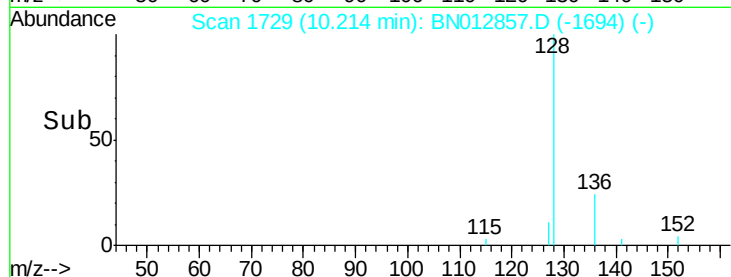
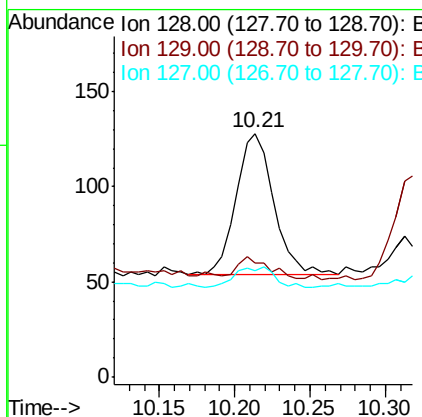
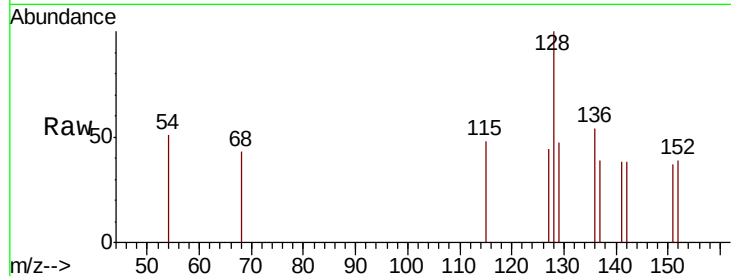
ClientSampleId :

C0BC5

Tot Ion:	128	Resp:	128
Ion Ratio	Lower	Upper	
128	100		
129	46.9	12.3	18.5#
127	43.8	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

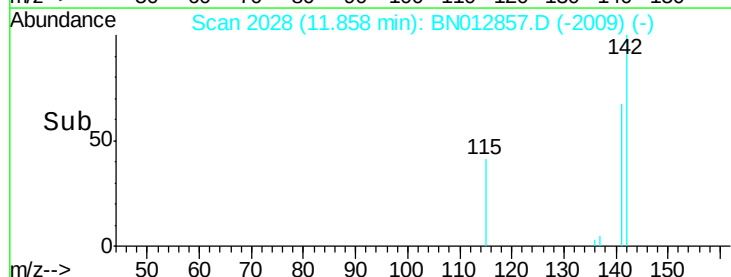
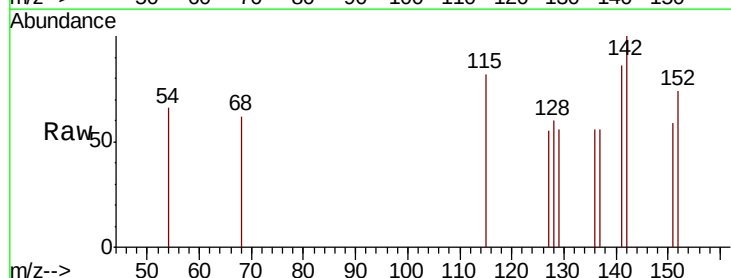
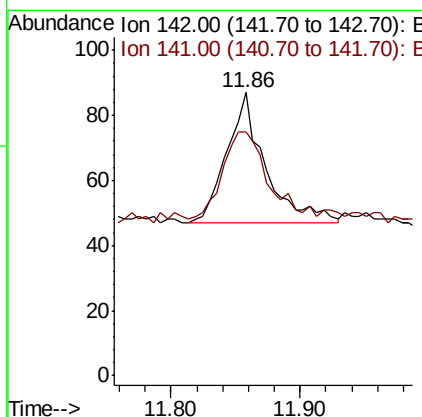
RT: 11.86 min Scan# 2028

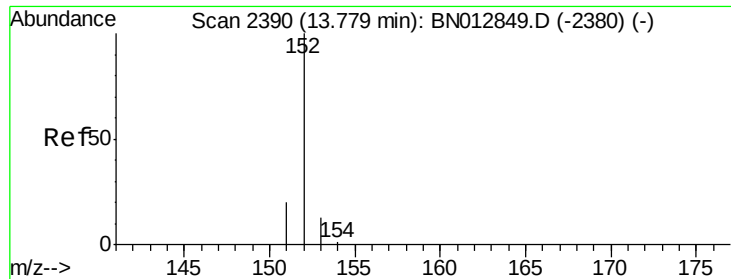
Delta R.T. 0.01 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Tgt Ion:	142	Resp:	83
Ion Ratio	Lower	Upper	
142	100		
141	78.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

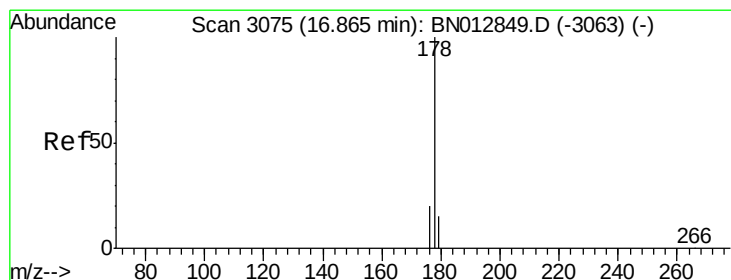
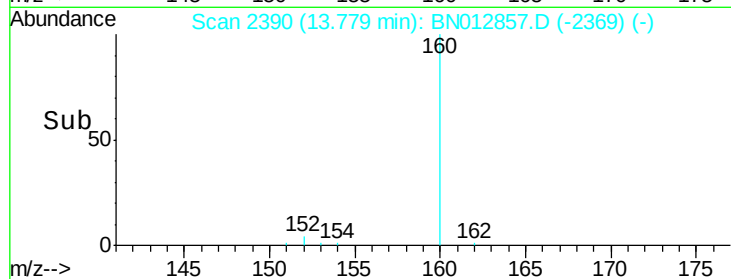
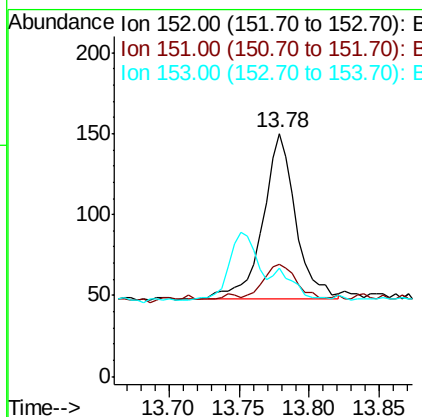
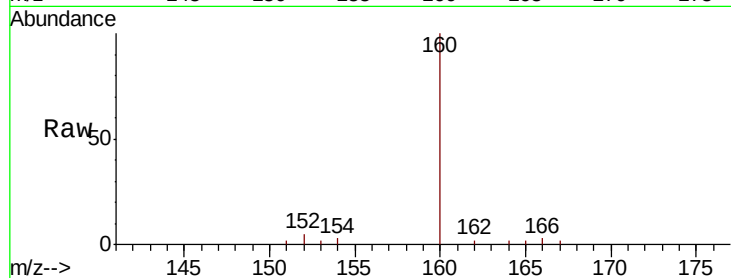
ClientSampleId :

C0BC5

Tot Ion:	152	Resp:	166
Ion Ratio	Lower	Upper	
152	100		
151	46.0	18.2	27.4#
153	44.7	13.1	19.7#

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#12

Phenanthrene

Concen: 0.128 ng/ul

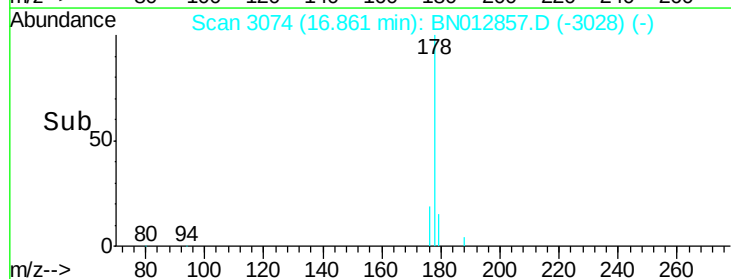
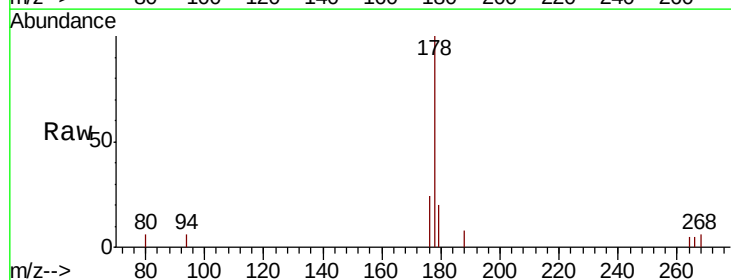
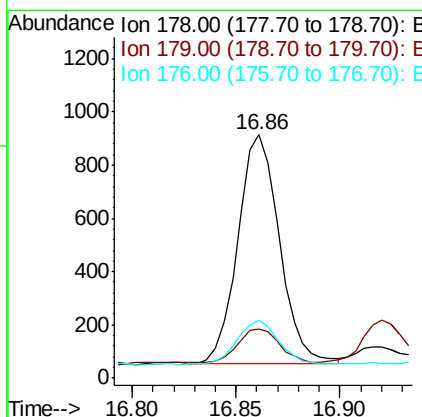
RT: 16.86 min Scan# 3074

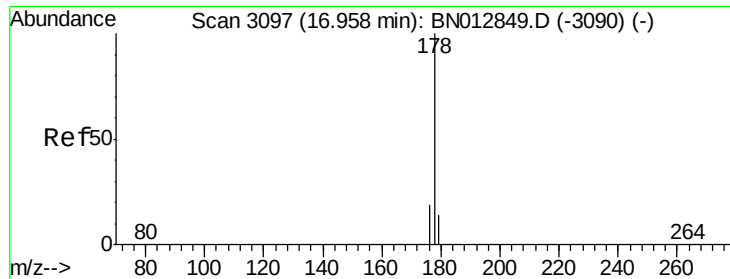
Delta R.T. -0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Tgt Ion:	178	Resp:	1190
Ion Ratio	Lower	Upper	
178	100		
179	20.2	13.6	20.4
176	23.9	16.4	24.6





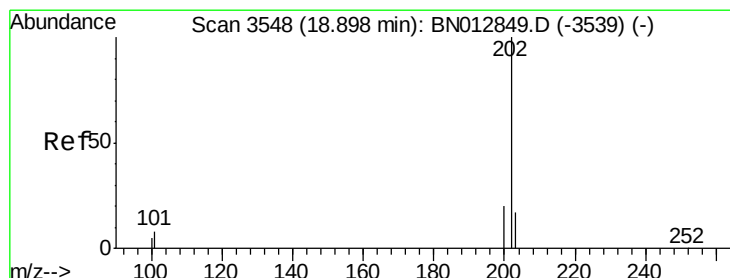
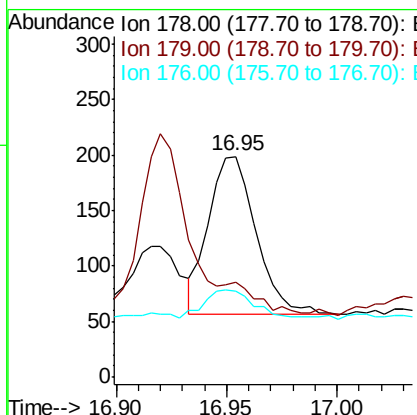
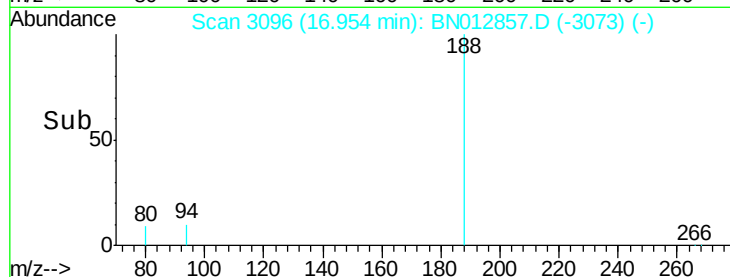
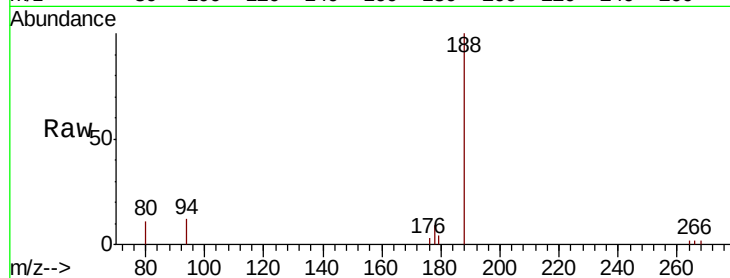
#13
 Anthracene
 Concen: 0.027 ng/ul
 RT: 16.95 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BN012857.D
 Acq: 03 Dec 2020 21:20

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	42.7	14.6	21.8#
176	38.7	17.1	25.7#

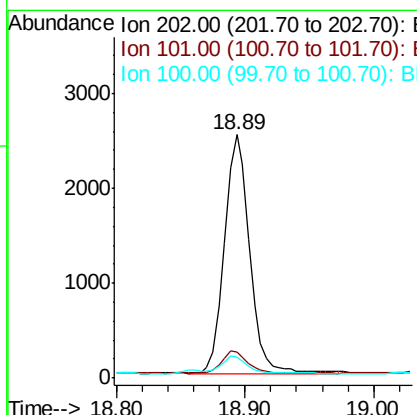
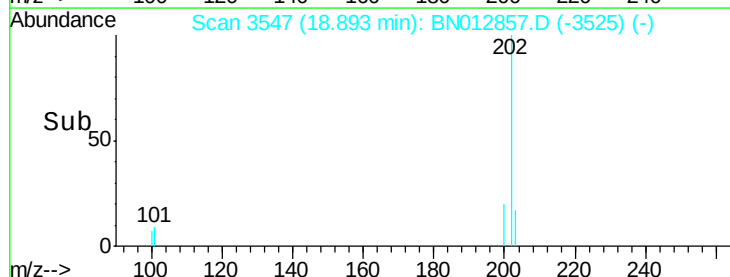
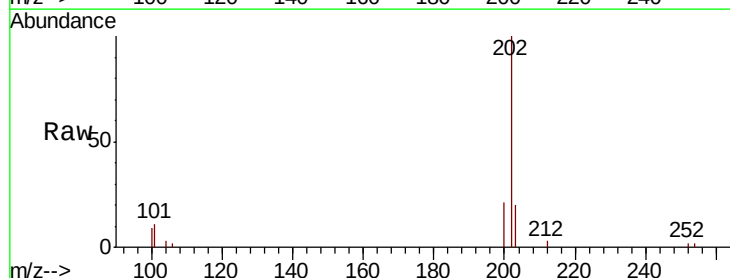
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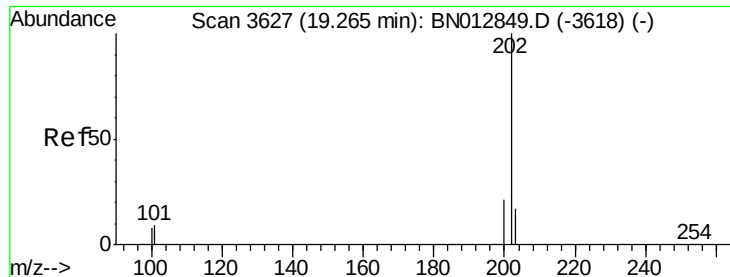
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#15
 Fluoranthene
 Concen: 0.310 ng/ul
 RT: 18.89 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: BN012857.D
 Acq: 03 Dec 2020 21:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.6
100	8.6	0.0	28.7





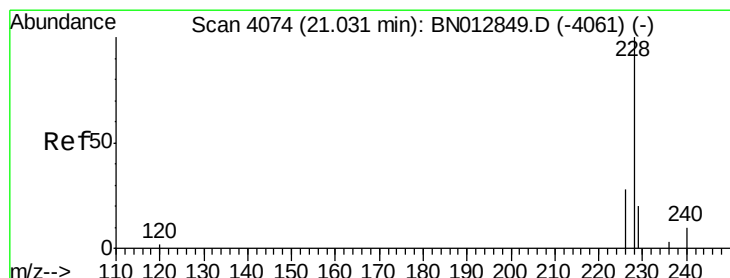
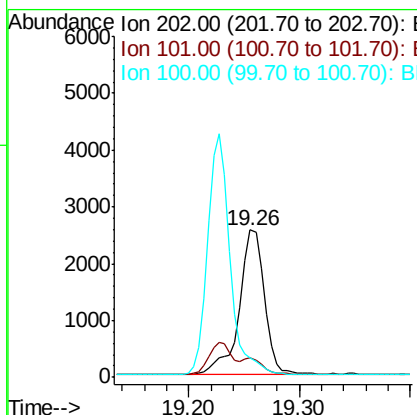
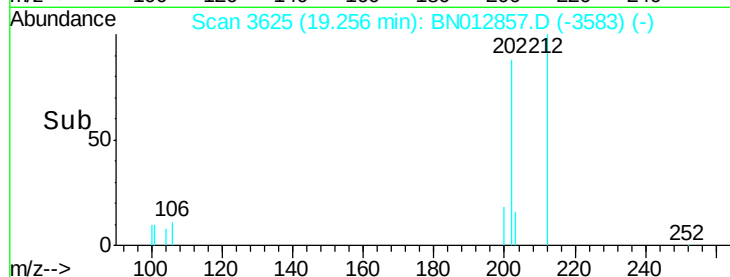
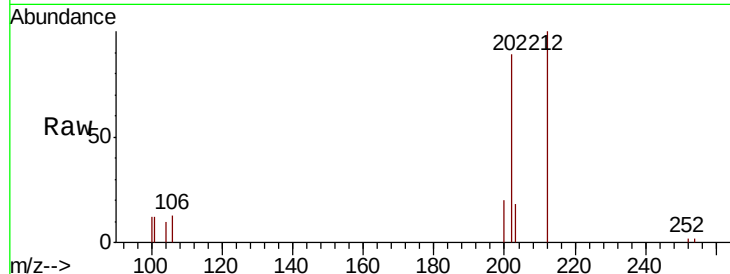
#17
 Pvrene
 Concen: 0.363 ng/ul
 RT: 19.26 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: BN012857.D
 Acq: 03 Dec 2020 21:20

Instrument :
 BNA_N
 ClientSampleId :
 C0BC5

Tot Ion:	202	Resp:	3906
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.1	13.7
100	13.3	7.5	11.3

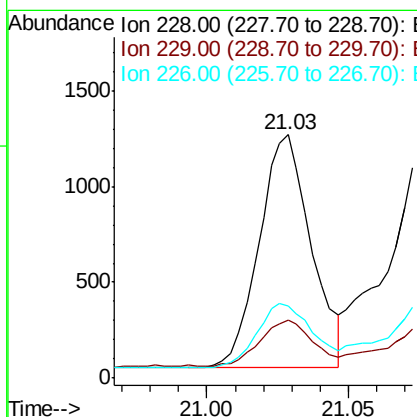
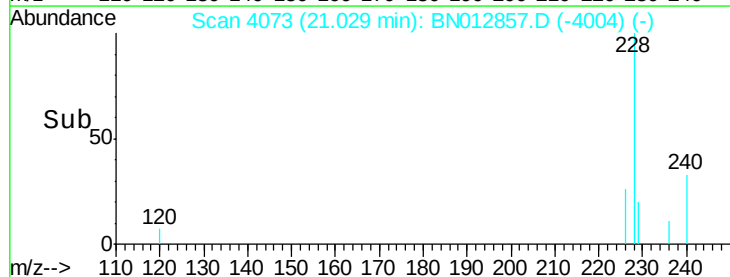
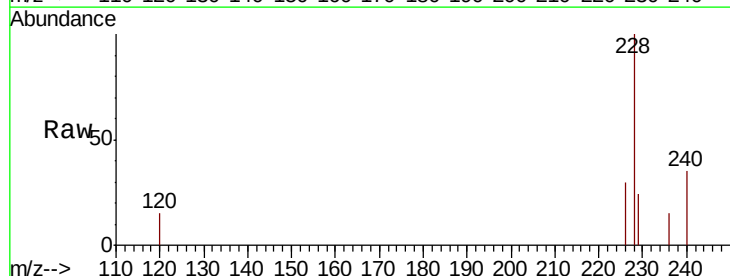
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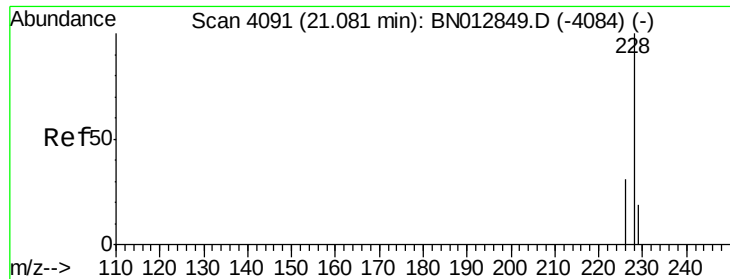
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#18
 Benzo(a)anthracene
 Concen: 0.165 ng/ul
 RT: 21.03 min Scan# 4073
 Delta R.T. 0.00 min
 Lab File: BN012857.D
 Acq: 03 Dec 2020 21:20

Tgt Ion:	228	Resp:	1554
Ion Ratio	Lower	Upper	
228	100		
229	23.7	16.3	24.5
226	29.5	23.4	35.2





#19

Chrysene

Concen: 0.193 ng/ul

RT: 21.08 min Scan# 4090

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

ClientSampleId :

C0BC5

Tot Ion:228 Resp: 2009

Ion Ratio Lower Upper

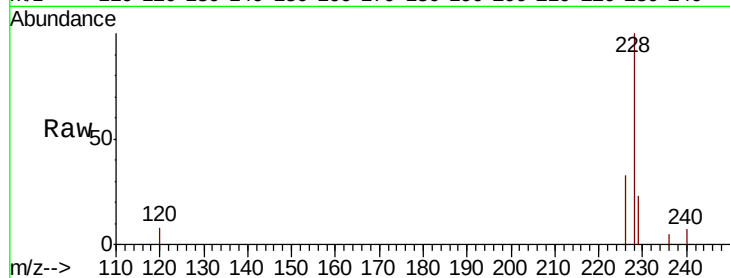
228 100

226 32.8 25.0 37.6

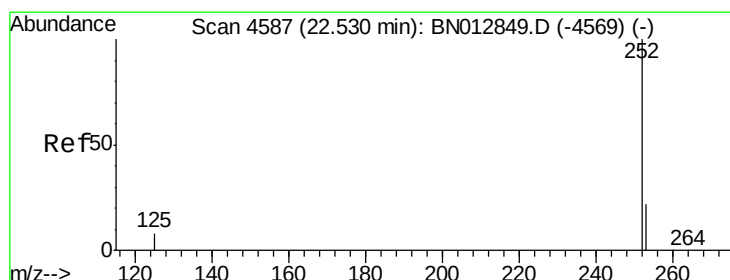
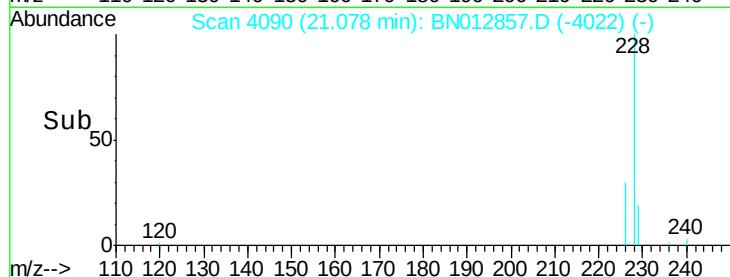
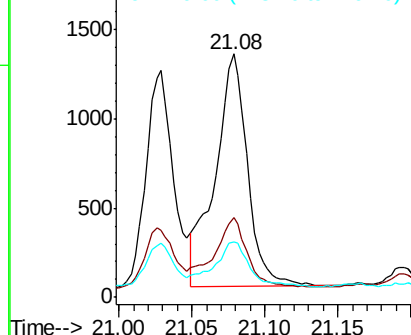
229 22.5 16.4 24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.239 ng/ul m

RT: 22.52 min Scan# 4585

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

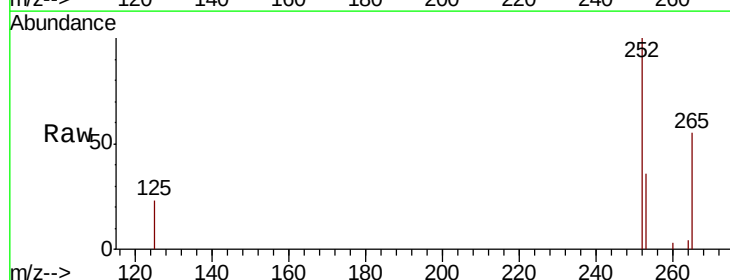
Tgt Ion:252 Resp: 2828

Ion Ratio Lower Upper

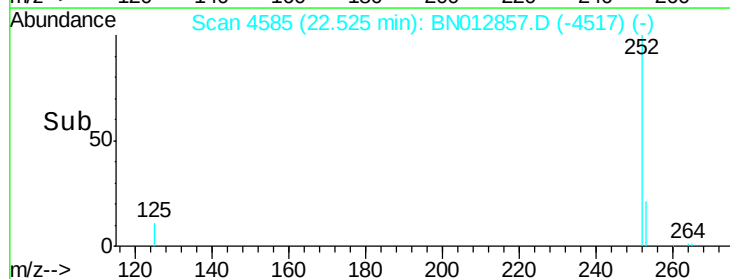
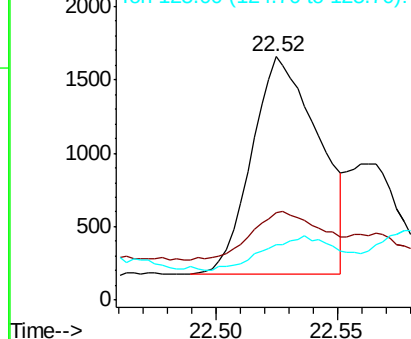
252 100

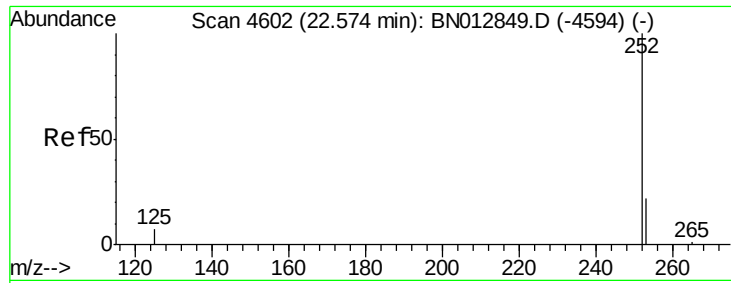
253 35.8 0.0 59.6

125 22.7 0.0 26.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.087 ng/ul m

RT: 22.56 min Scan# 4598

Delta R.T. -0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

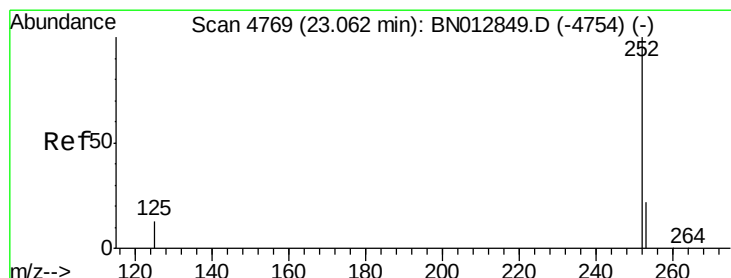
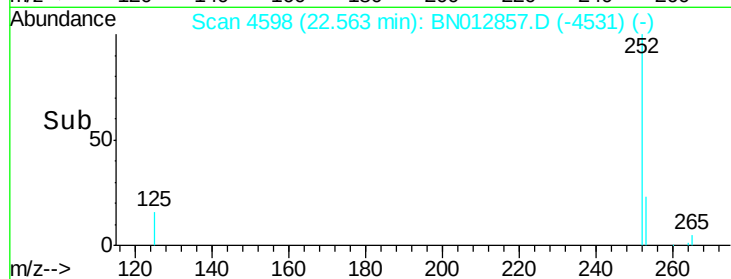
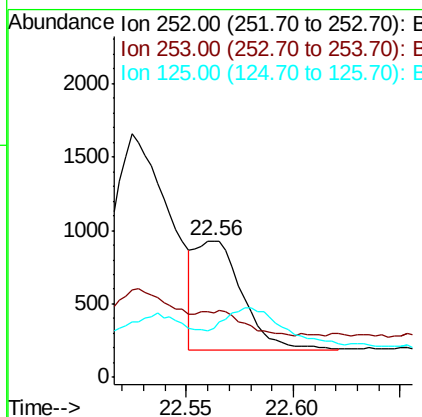
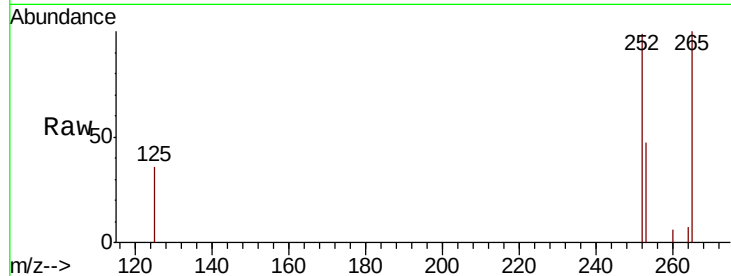
ClientSampleId :

C0BC5

Tot Ion:	252	Resp:	1138
Ion Ratio	Lower	Upper	
252	100		
253	47.4	23.4	35.2#
125	36.0	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.182 ng/ul

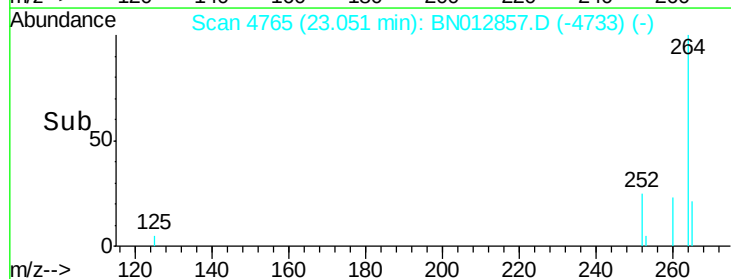
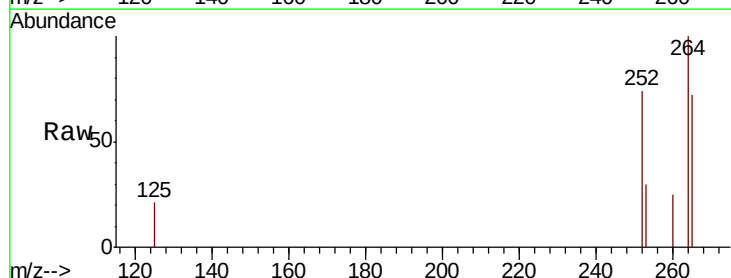
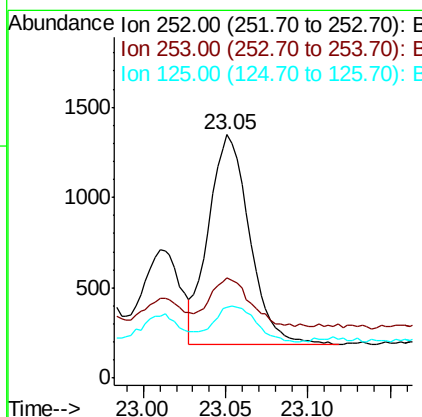
RT: 23.05 min Scan# 4765

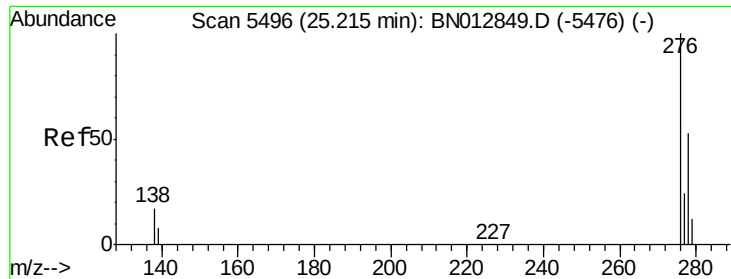
Delta R.T. -0.01 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Tgt Ion:	252	Resp:	2006
Ion Ratio	Lower	Upper	
252	100		
253	41.1	26.5	39.7#
125	28.9	14.2	21.2#





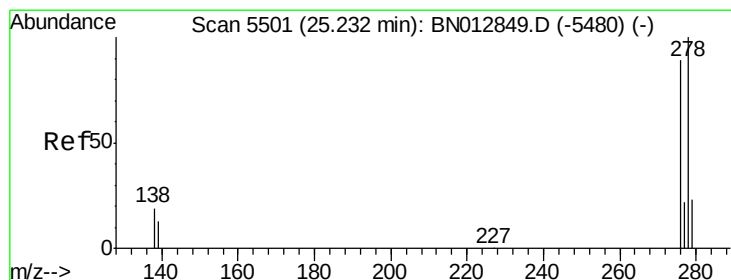
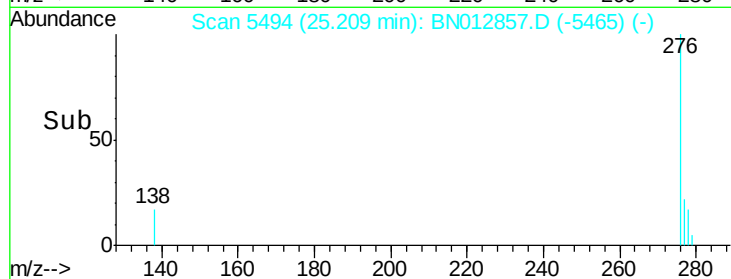
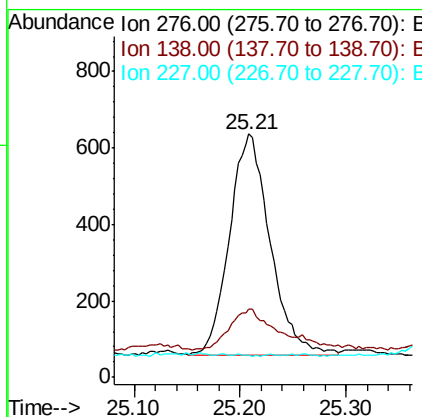
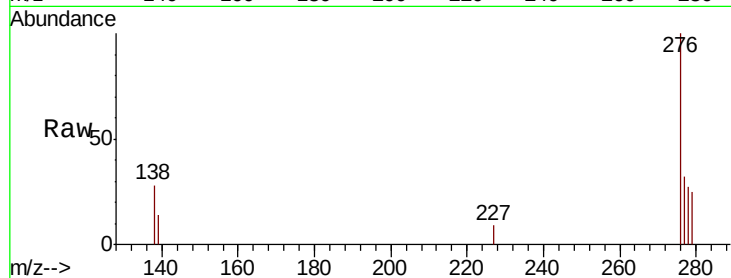
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. -0.00 min
Lab File: BN012857.D
Acq: 03 Dec 2020 21:20

Instrument :
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ClientSampleId :
C0BC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	16.2	24.2
227	0.1	0.0	0.0#

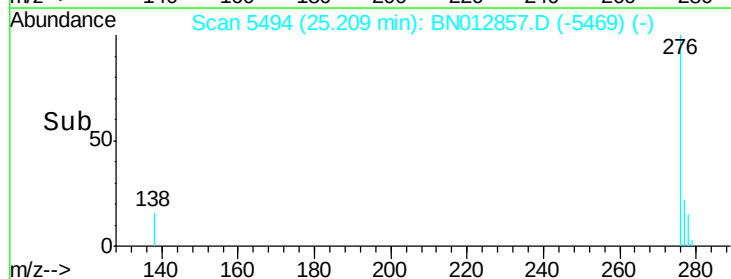
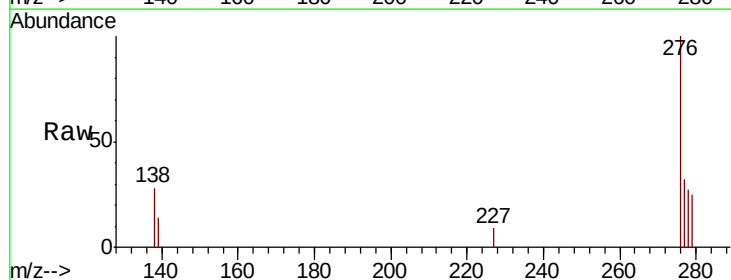
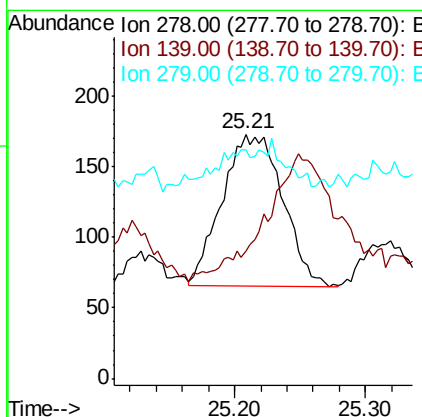
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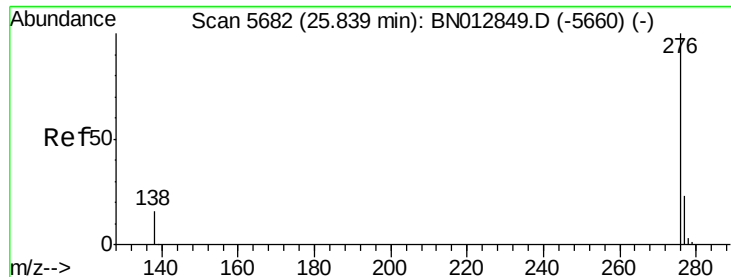
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#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. -0.02 min
Lab File: BN012857.D
Acq: 03 Dec 2020 21:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	52.0	14.5	21.7#
279	93.6	26.3	39.5#





#26

Benzo(a,h,i)perylene

Concen: 0.128 ng/ul

RT: 25.84 min Scan# 5681

Delta R.T. 0.00 min

Lab File: BN012857.D

Acq: 03 Dec 2020 21:20

Instrument :

BNA_N

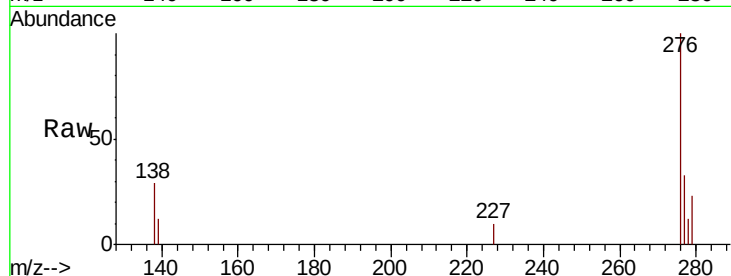
ClientSampleId :

C0BC5

Tot Ion:	276	Resp:	1678
Ion Ratio	Lower	Upper	
276	100		
138	28.7	16.3	24.5#
277	33.4	21.8	32.6#

Manual Integrations
APPROVED

mohammad
12/7/2020 8:51:22 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

